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PATENT

ATTORNEY DOCKET NO. INTEL1140 (P15614)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yamakawa, et al. Art Unit: 1645  
Application No.: 10/750,515 Examiner: Not Yet Assigned  
Filed: December 31, 2003  
Title: METHODS AND COMPOSITIONS FOR DETECTING NUCLEIC  
ACIDS USING SCANNING PROBE MICROSCOPY AND  
NANOCODES

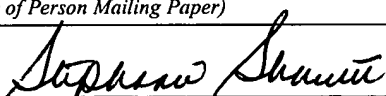
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

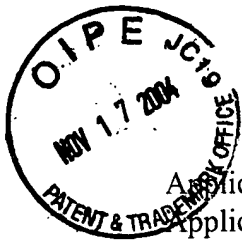
**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application, please find:

- (1) A Information Disclosure Statement (2 pages);
- (2) A Form PTO-1449 (1 page);
- (3) Five (5) References; and
- (4) Return postcard.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, November 15, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Stephanie Sharrett	
(Name of Person Mailing Paper)	
 November 15, 2004	



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Examiner: Not Yet Assigned

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**INFORMATION DISCLOSURE STATEMENT**

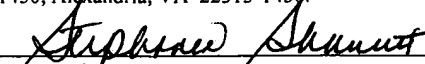
Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and a copy of Items C through G are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on November 15, 2004, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Stephanie Sharrett

In re Application of:

Yamakawa, et al.

Application No.: 10/750,515

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Page 2

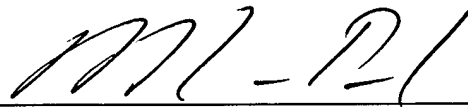
PATENT

Attorney Docket No.: INTEL1140 (P15614)

Applicants do not believe any fees are due in connection with this Information Disclosure Statement. However, if any fees are required, authorization is hereby given to charge Deposit Account No. 07-1896. A duplicate copy of this Transmittal sheet is enclosed.

Respectfully submitted,

Date: November 15, 2004



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**USPTO CUSTOMER NUMBER 28213**

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Page 2

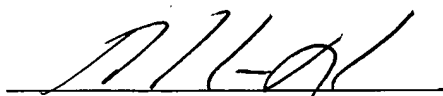
PATENT

Attorney Docket No.: INTEL1140 (P15614)

This Information Disclosure Statement is being filed prior to receipt of a First Office Action on the merits. Therefore, no fee is deemed necessary. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 07-1896.

Respectfully submitted,

Date: November 15, 2004



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FORM PTO-1449

U.S. Department of Commerce Patent and  
Trademark Office

Docket No.:

INTEL1140 (P15614)

Serial No.:

10/750,515

Applicants: Yamakawa, et al.

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

Filing Date:

December 31, 2003

Group Art Unit:

1645

## U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	6,514,767	2/4/03	Michael Natan	436	166	
	B	2004/0058328	3/25/04	Chan, et al.	435	6	

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	C	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface -Enhanced Raman Scattering", <i>Analytical Chemistry</i> , :5-9
	D	Freitag, et al., "Local Electronic Properties of Single-Wall Nanotube Circuits Measured by Conducting Tip AFM", <i>Am. Phys. Soc.</i> 62(4):R2307-R2310, (July 2000)
	E	Han, et al., "Quantum-dot-tagged Microbeads for Multiplexed Optical Coding of Biomolecules", <i>Nat. Biotech.</i> 19:631-635 (July 2001)
	F	Mulvaney, et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", <i>Am Chem Soc.</i> 19:4784-4790 (2003).
	G	Nicewarner-Pena, et al., "Submicrometer Metallic Barcodes", <i>Sci.</i> 294:137-141 (October 2001)

EXAMINER

GT\6422956.1  
1090132-7

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.